

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053608.D
 Acq On : 4 Feb 2019 20:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 05 03:40:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	0.515	0.532	-3.3	97	0.00
3 P	Chloromethane	0.594	0.599	-0.8	104	0.00
4 C	Vinyl Chloride	0.576	0.576	0.0	102	0.00
5 T	Bromomethane	0.377	0.363	3.7	101	0.00
6 T	Chloroethane	0.329	0.331	-0.6	105	0.00
7 T	Trichlorofluoromethane	0.781	0.751	3.8	99	0.00
8 T	Diethyl Ether	0.285	0.285	0.0	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.483	0.458	5.2	99	0.00
10 T	Methyl Iodide	0.759	0.738	2.8	101	0.00
11 T	Tert butyl alcohol	0.030	0.030	0.0	108	0.00
12 CM	1,1-Dichloroethene	0.463	0.460	0.6#	102	0.00
13 T	Acrolein	0.016	0.031	-93.8#	245#	0.00
14 T	Allyl chloride	0.737	0.686	6.9	95	0.00
15 T	Acrylonitrile	0.160	0.170	-6.3	108	0.00
16 T	Acetone	0.129	0.108	16.3	93	0.00
17 T	Carbon Disulfide	1.442	1.315	8.8	95	0.00
18 T	Methyl Acetate	0.381	0.387	-1.6	110	0.00
19 T	Methyl tert-butyl Ether	1.174	1.227	-4.5	105	0.00
20 T	Methylene Chloride	0.540	0.513	5.0	104	0.00
21 T	trans-1,2-Dichloroethene	0.500	0.483	3.4	101	0.00
22 T	Diisopropyl ether	1.366	1.442	-5.6	106	0.00
23 T	Vinyl Acetate	0.945	1.002	-6.0	104	0.00
24 P	1,1-Dichloroethane	0.911	0.892	2.1	102	0.00
25 T	2-Butanone	0.183	0.182	0.5	102	0.00
26 T	2,2-Dichloropropane	0.696	0.617	11.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.564	-1.6	104	0.00
28 T	Bromochloromethane	0.395	0.399	-1.0	105	0.00
29 T	Tetrahydrofuran	0.118	0.126	-6.8	107	0.00
30 C	Chloroform	0.903	0.879	2.7#	104	0.00
31 T	Cyclohexane	0.949	0.808	14.9	100	0.00
32 T	1,1,1-Trichloroethane	0.752	0.747	0.7	103	0.00
33 S	1,2-Dichloroethane-d4	0.502	0.503	-0.2	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.316	0.308	2.5	104	0.00
36 T	1,1-Dichloropropene	0.451	0.435	3.5	103	0.00
37 T	Ethyl Acetate	0.252	0.271	-7.5	106	0.00
38 T	Carbon Tetrachloride	0.454	0.420	7.5	100	0.00
39 T	Methylcyclohexane	0.535	0.491	8.2	95	0.00
40 TM	Benzene	1.390	1.333	4.1	103	0.00
41 T	Methacrylonitrile	0.141	0.140	0.7	107	0.00
42 TM	1,2-Dichloroethane	0.413	0.395	4.4	105	0.00
43 T	Isopropyl Acetate	0.486	0.482	0.8	109	0.00
44 TM	Trichloroethene	0.396	0.366	7.6	103	0.00
45 C	1,2-Dichloropropane	0.356	0.347	2.5#	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.214	0.204	4.7	104	0.00
47 T	Bromodichloromethane	0.446	0.432	3.1	105	0.00
48 T	Methyl methacrylate	0.232	0.227	2.2	105	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	105	0.00
50 S	Toluene-d8	1.186	1.139	4.0	103	0.00
51 T	4-Methyl-2-Pentanone	0.239	0.255	-6.7	109	0.00
52 CM	Toluene	0.825	0.803	2.7#	103	0.00
53 T	t-1,3-Dichloropropene	0.446	0.438	1.8	103	0.00
54 T	cis-1,3-Dichloropropene	0.529	0.515	2.6	103	0.00
55 T	1,1,2-Trichloroethane	0.297	0.297	0.0	105	0.00
56 T	Ethyl methacrylate	0.352	0.370	-5.1	107	0.00
57 T	1,3-Dichloropropane	0.508	0.496	2.4	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.196	0.204	-4.1	103	0.00
59 T	2-Hexanone	0.162	0.161	0.6	103	0.00
60 T	Dibromochloromethane	0.335	0.327	2.4	103	0.00
61 T	1,2-Dibromoethane	0.294	0.282	4.1	104	0.00
62 S	4-Bromofluorobenzene	0.396	0.387	2.3	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.429	0.389	9.3	98	0.00
65 PM	Chlorobenzene	1.062	1.000	5.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.361	2.7	103	0.00
67 C	Ethyl Benzene	1.745	1.690	3.2#	102	0.00
68 T	m/p-Xylenes	0.666	0.653	2.0	102	0.00
69 T	o-Xylene	0.643	0.638	0.8	103	0.00
70 T	Styrene	1.043	1.036	0.7	102	0.00
71 P	Bromoform	0.254	0.258	-1.6	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.515	3.481	1.0	102	0.00
74 T	N-amyl acetate	0.845	0.905	-7.1	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.841	0.831	1.2	105	0.00
76 T	1,2,3-Trichloropropane	0.642	0.686	-6.9	113	0.00
77 T	Bromobenzene	0.947	0.925	2.3	101	0.00
78 T	n-propylbenzene	4.063	4.001	1.5	101	0.00
79 T	2-Chlorotoluene	2.411	2.373	1.6	103	0.00
80 T	1,3,5-Trimethylbenzene	2.915	2.954	-1.3	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.228	0.223	2.2	98	0.00
82 T	4-Chlorotoluene	2.474	2.424	2.0	101	0.00
83 T	tert-Butylbenzene	2.576	2.576	0.0	102	0.00
84 T	1,2,4-Trimethylbenzene	2.970	3.021	-1.7	102	0.00
85 T	sec-Butylbenzene	3.506	3.457	1.4	100	0.00
86 T	p-Isopropyltoluene	3.066	3.051	0.5	100	0.00
87 T	1,3-Dichlorobenzene	1.703	1.619	4.9	100	0.00
88 T	1,4-Dichlorobenzene	1.685	1.616	4.1	101	0.00
89 T	n-Butylbenzene	2.654	2.562	3.5	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.499	1.4	103	0.00
91 T	1,2-Dichlorobenzene	1.630	1.567	3.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.119	0.8	101	0.00
93 T	1,2,4-Trichlorobenzene	0.935	0.915	2.1	94	0.00
94 T	Hexachlorobutadiene	0.582	0.481	17.4	85	0.00
95 T	Naphthalene	1.905	2.076	-9.0	98	0.00
96 T	1,2,3-Trichlorobenzene	0.868	0.851	2.0	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5